



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090576

Mode: Highway

Status: Submitted

SR-1521 (Kelly Road)

From/Cross Street: SR 1519 (Nash Street)

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: US 421 Bypass

Project Category: Division Needs

Length: 1.56

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$15,538,000

Description:

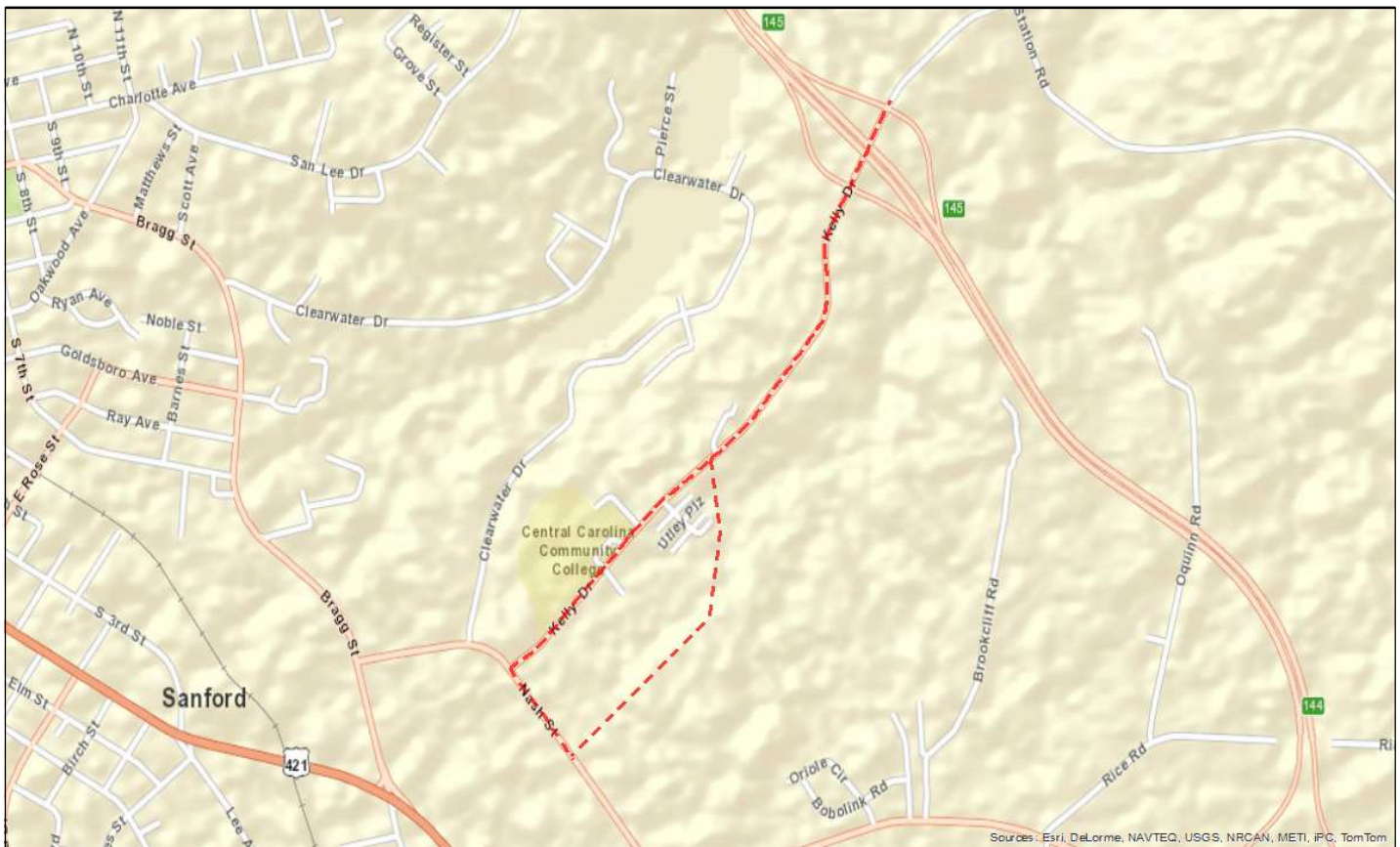
Realignment to Provide Direct Access from the US 421 Bypass to the Central Carolina Community College Sanford Campus.

Division(s): Division 8

County(s): LEE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 19.56 Safety (10%) 7.35 [Travel Time] Benefit/Cost (20%) 2.27 Totals: Weight: 50% Weighted Score: 5.1	Percent: 25% Points:	Percent: 25% Points:

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	46
Length (miles):	2.78
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4617.64
Capacity:	15637.9
Volume/Capacity Ratio:	0.3
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	8.27
Crash Severity:	5.52
Critical Crash Rate:	8.27
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.56
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	1600517.32
Travel Time Savings for 30 Years (Autos):	1600517.32
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$13,689,000	Cost Estimation Tool
Right-of-Way Cost:	\$1,651,000	Cost Estimation Tool
Utilities Cost:	\$198,000	Cost Estimation Tool
Total Project Cost:	\$15,538,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$15,538,000	